

AMERICAN SAFETY TECHNOLOGIES INC. -- MS-300C: BASE COMPONENT -- 8010-00-857-4393  
===== Product Identification =====

Product ID:MS-300C: BASE COMPONENT  
MSDS Date:05/08/1991  
FSC:8010  
NIIN:00-857-4393  
Kit Part:Y  
MSDS Number: BRGLB  
=== Responsible Party ===  
Company Name:AMERICAN SAFETY TECHNOLOGIES INC.  
Address:565 EAGLE ROCK AVENUE  
City:ROSELAND  
State:NJ  
ZIP:07068  
Country:US  
Info Phone Num:800-424-9  
300  
Emergency Phone Num:(201) 403-2600 800-424-9300(CHEMTR)  
Preparer's Name:F. LOELOFF  
CAGE:AMSAT  
=== Contractor Identification ===  
Company Name:AMERICAN SAFETY TECHNOLOGIES INC.  
Address:565 EAGLE ROCK AVENUE  
City:ROSELAND  
State:NJ  
ZIP:07068  
Country:US  
Phone:800-424-9300  
CAGE:AMSAT

===== Composition/Information on Ingredients =====

Ingred Name:BISPHENOL-A-DIGLYCIDYL ETHER  
CAS:25068-38-6  
RTECS #:KD4380000  
Other REC Limits:NONE SPECIFIED

Ingred Name:PROPYLENE GLYCOL MONOMETHYL

ETHER  
CAS:107-98-2  
RTECS #:UB7700000  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:100 PPM/150 STEL  
ACGIH TLV:100 PPM/150 STEL

Ingred Name:XYLENE (SARA 313)  
CAS:1330-20-7  
RTECS #:ZE2100000  
Fraction by Wt: 12.0%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:100 PPM/150 STEL  
ACGIH TLV:100 PPM/150 STEL  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:SILICON DIOXIDE  
CAS:14808-60-7  
RTECS #:VV7330000  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:SEE TABLE Z3  
ACGIH TLV:0.1 MG/M3 RDUST;9293

Ingred Name:ALUMI  
NUM OXIDE (SARA 313)  
CAS:1344-28-1  
RTECS #:BD1200000  
Fraction by Wt: 50%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:15 MG/M3 TDUST  
ACGIH TLV:10 MG/M3 TDUST; 9293

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===== Hazards Identification =====  
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES  
Health Hazards Acute and Chronic:EYES: IRRITANT. AGGREGATE MAY CAUSE  
INJURY. SKIN: MAY CAUSE MODERATE IRRITATION & SENSITIZATION.  
INHALATION: VAPO

RS MAY CAUSE HEADACHES, NAUSEA, DIZZINESS & RESPIRATORY IRRITATION. INGESTION: NO SPECIFIC INFORMATION AVAILABLE. CONTAINS MATERIALS THAT MAY BE SLIGHTLY TOXIC.

Explanation of Carcinogenicity: THIS PRODUCT MAY CONTAIN INGREDIENTS CONSIDERED POTENTIAL CARCINOGENS. (SILICON DIOXIDE IS LISTED WITH IARC AS CLASS 2A).

Effects of Overexposure: IRRITATION, SENSITIZATION AND DERMATITIS.

Medical Conditions Aggravated by Exposure: ALLERGY, ECZEMA AND OTHER SKIN CONDITIONS.

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First Aid Measures =====

First Aid: EYES: FLUSH WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION. SKIN: REMOVE & WASH CONTAMINATED CLOTHING BEFORE REUSE. WASH CONTACT AREA WITH MILD SOAP & WATER. INHALATION: REMOVE TO FRESH AIR. IF BREATHING HAS STOPPED, ADMINISTER ARTIFICIAL RESPIRATION & SEEK MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING (CONTAINS SOLVENT). GET MEDICAL ATTENTION.

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Fire Fighting Measures =====

Flash Point Method: PMCC

Flash Point: >81F, >27C

Lower Limits: 1.0

Upper Limits: 12.0

Extinguishing Media: CHEMICAL FOAM, DRY CHEMICAL.

Fire Fighting Procedures: REMOVE ALL IGNITION SOURCES. WEAR SCBA & COMPLETE PERSONAL PROTECTIVE EQUIPMENT WHERE POTENTIAL FOR EXPOSURE TO VAPORS OR PRODUCTS OF COMBUSTION EXISTS.

Unusual Fire/Explosion Hazard: CLOSED CONTAINERS MAY RUPTURE (DUE TO BUILD UP OR PRESSURE) WHEN EXPOSED TO EXTREME HEAT. DECOMPOSITION & COMBUSTION PRODUCTS MAY BE TOXIC.

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Accidental Release Measures =====

Spill Release Procedures: ELIMINATE ALL IGNITION SOURCES. DIKE SPILL. ABSORB WITH INERT MATERIAL & COLLECT FOR DISPOSAL. FLUSH CONTAMINATED AREA WITH WATER; PREVENT WASHINGS FROM ENTERING WATERWAYS.

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Handling and Storage =====

Handling and Storage Precautions: AVOID ALL PERSONAL CONTACT. DO NOT EXCEED 110F/43C IN STORAGE AREA. GROUND AND BOND METAL

CONTAINERS

FOR LIQUID TRANSFER TO AVOID STATIC SPARKS.

Other Precautions:A SAFETY SHOWER AND EYE WASH FACILITY SHOULD BE AVAILABLE TO EMPLOYEES. CONTAMINATED CLOTHING SHOULD BE REMOVED IMMEDIATELY AND THOROUGHLY LAUNDERED BEFORE REUSE.

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Exposure Controls/Personal Protection  
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Respiratory Protection:NIOSH/MSHA APPROVED RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE IF REQUIRED.

Ventilation:EXPLOS.-PROOF MECHAN. VENTIL. & LOCAL EXHAUST RECOMM.MECHAN. EXHA

UST NOT RECOMM. AS SOLE MEANS CONTROLLING EMPLOY.EXPOS.

Protective Gloves:IMPERVIOUS GLOVES.

Eye Protection:CHEMICAL SPLASH-PROOF GOGGLES.

Other Protective Equipment:IN OPERATIONS WHERE CONTACT MAY OCCUR COVERALLS, APRON AND IMPERVIOUS FOOT COVERING ARE RECOMMENDED.

Supplemental Safety and Health

WARNING! THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER & BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

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Physical/Chemical Properties  
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Boiling Pt:B.P. Text:>240F,>116C

Vapor Pres:8 @68F/20C

Vapor Density:3.7

Spec Gravity:2.1

Evaporation Rate & Reference:0.7

Solubility in Water:SLIGHT

Appearance and Odor:PIGMENTED VISCOUS PASTE, MILD ODOR.

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Stability and Reactivity Data  
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Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:EXCESSIVE HEAT.

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE, ALDEHYDES.

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===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

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